

Converting Colors

XYZ(66.3182, 71.7259, 74.2768)

Have a look what the booklet for
XYZ(66.3182, 71.7259, 74.2768)
contains.

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Color

**XYZ(66.2832, 71.5447,
73.9343)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DED6
RGB	215, 222, 214
RGB Percent	84%, 87%, 84%
CMY	0.1569, 0.1294, 0.1608
CMYK	0.03, 0.00, 0.04, 0.13
HSL	113°, 11%, 85%
HSV	113°, 4%, 87%
XYZ	66.2832, 71.5447, 73.9343
YIQ	218.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

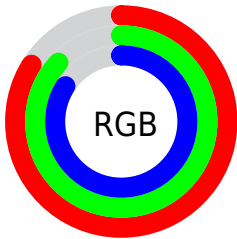
Format	Color
RYB	214, 222, 221
Decimal	14147286
CIELab	87.75, -3.80, 3.09
CIELCh	88, 4.895, 140.882
Yxy	71.5447, 0.3130, 0.3379
Android (android.graphics.Color)	4292337366 (0xFFD7DED6)
YUV	218.9950, -2.4625, -3.5036
Hunter-Lab	84.5841, -8.1430, 7.3839

Details

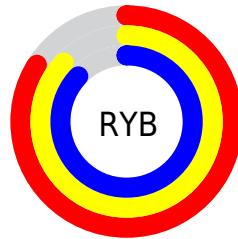
The XYZ color **66.2832, 71.5447, 73.9343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0530, 68.7412, 78.8453**, and the grayscale version is **67.3476, 70.8549, 77.1610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5739, 37.6142, 38.2389** is the 20% darker color. If you saturate the color by 10%, you get **58.2693, 67.7210, 59.7540**, and if you desaturate by 10%, it is **75.3650, 75.8783, 90.1847**.

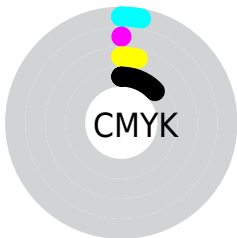
Distribution



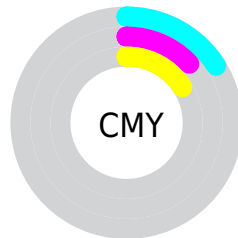
- Red (84%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2832, 71.5447, 73.9343 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.2832, 71.5447, 73.9343 by changing the saturation by 10% instead.

■ 66.2832, 71.5447,
73.9343

■ 66.2832, 71.5447,
73.9343

436.8617,
465.9553, 493.4039

■ 48.7709, 52.7868,
54.2438

112.9482,
121.4090, 126.5359

■ 34.6516, 37.6326,
38.4021

142.8316,
153.2842, 160.2840

■ 23.5598, 25.6977,
25.9907

177.5693,
190.3007, 199.5551

■ 15.1304, 16.5976,
16.5910

217.5269,
232.8427, 244.7677

■ 8.9979, 9.9480,
9.7844

263.0695,
281.2949, 296.3403

■ 4.7969, 5.3645,
5.1525

314.5627,

■ 2.1621, 2.4627,

336.0414, 354.6916

2.2767

372.3716,
397.4667, 420.2399

■ 0.7227, 0.8579,
0.7181

■ 0.0000, 0.0000,
0.0000

■ 66.2832, 71.5447,
73.9343

■ 66.2832, 71.5447,
73.9343

■ 58.2693, 67.7210,
59.7540

■ 75.3650, 75.8783,
90.1847

■ 51.2783, 64.3798,
47.5562

■ 84.9931, 80.5091,
105.6679

■ 45.2705, 61.5044,
37.2541

■ 85.4127, 80.7254,
105.6876

■ 40.2015, 59.0742,
28.7525

■ 36.0236, 57.0667,
21.9480

■ 32.6846, 55.4575,
16.7267

■ 30.1269, 54.2197,
12.9608

■ 28.2856, 53.3229,
10.5026

■ 27.0844, 52.7318,
9.1733

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2082, 71.5447, 72.0761



66.2832, 71.5447, 73.9343



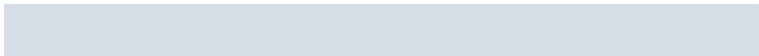
65.8199, 71.5447, 76.8910

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2832, 71.5447, 73.9343



67.6478, 71.5447, 84.3868



70.1089, 71.5447, 75.6425

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.2832, 71.5447, 73.9343



67.0530, 68.7412, 78.8453

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2299, 71.5447, 78.9178



66.2832, 71.5447, 73.9343



68.8002, 71.5447, 84.0295

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2832, 71.5447, 73.9343



66.6019, 71.5447, 82.9680



69.7484, 71.5447, 82.0051



69.4197, 71.5447, 73.0427

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2832, 71.5447, 73.9343



65.8316, 71.5447, 79.1137



69.7484, 71.5447, 82.0051



70.2177, 71.5447, 76.6988

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.2852, 71.5478, 73.9359



93.8259, 99.4161, 106.7139



68.1038, 72.0658, 73.9400



20.0955, 21.2853, 22.8642



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2852, 71.5478, 73.9359



90.2429, 97.7066, 100.3292



66.3708, 71.5482, 75.9143



14.5470, 15.8293, 16.0857



15.8459, 31.2014, 5.1873



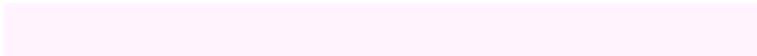
1.1512, 2.1900, 0.3620

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.0530, 68.7412, 78.8453



91.4147, 93.4230, 107.8221



66.9683, 68.7425, 76.8056



14.7694, 15.0164, 17.5077



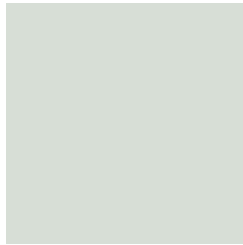
21.1526, 9.9999, 41.8637



1.5140, 0.7178, 2.9040

Previews

White Background



This preview shows how the XYZ color 66.2832, 71.5447, 73.9343 looks on a white background.

Color Contrast Check

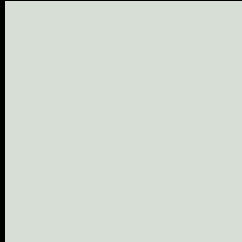
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.2832, 71.5447, 73.9343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

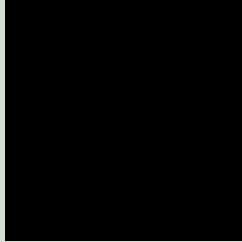
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

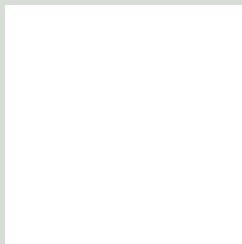
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2832, 71.5447, 73.9343

Background



This preview shows how black text looks on a background with the XYZ color 66.2832, 71.5447, 73.9343.

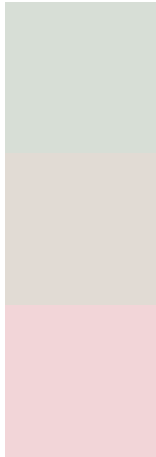


This preview shows how white text looks on a background with the XYZ color 66.2832, 71.5447,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.2832, 71.5447, 73.9343

Protanopia

68.2665, 71.4241, 72.4755

Deuteranopia

72.8069, 71.4236, 74.9145



Tritanopia

69.3853, 71.6246, 89.5248

Trichromacy



Original Color

66.2832, 71.5447, 73.9343

Protanomaly

67.4222, 71.3626, 73.1716

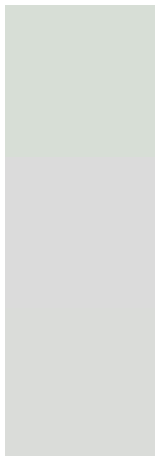
Deuteranomaly

70.1003, 71.1738, 74.3332

Tritanomaly

68.2121, 71.5395, 83.6121

Monochromacy



Original Color

66.2832, 71.5447, 73.9343

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0310, 71.1016, 75.8367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2832, 71.5447, 73.9343 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(215, 222, 214) looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 214) }
```

Border

The CSS property to change the border of an element to XYZ 66.2832, 71.5447, 73.9343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 222, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 222, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2832, 71.5447, 73.9343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
222, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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